

Erratum: “Genome-wide Association Study of Susceptibility to Particulate Matter-Associated QT Prolongation”

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Gondalia et al. have noted errors in their paper “Genome-wide Association Study of Susceptibility to Particulate Matter-Associated QT Prolongation” in Table 1 and Figure 3. Table 1 should not have included “mean ± SD” labels for columns Sex, n, and P90. EHP regrets the error. In addition, Figure 3 should have had the labels “SHARe Hispanic Women” instead of “SHARe Hispanic Women WHIMS” and “WHIMS White Women” instead of “White Women.” The authors regret the error.

Table 1. Characteristics of subpopulations, by study, race/ethnicity, and sex.

Study	Race/Ethnicity	Sex	n	Age, y	ECGs	QT, ms	PM ₁₀ , µg/m ^{3a}	P90
				(mean ± SD)	(mean ± SD)	(mean ± SD)	(mean ± SD)	
ARIC	Black	Men	826	57.6 ± 6.7	3.2 ± 1.0	402 ± 33	34.4 ± 12.7	50.3
ARIC	Black	Women	1,343	57.3 ± 6.4	3.3 ± 0.9	403 ± 33	34.3 ± 12.6	50.9
ARIC	White	Men	3,976	59.0 ± 6.5	3.5 ± 0.9	406 ± 31	33.4 ± 12.9	49.8
ARIC	White	Women	4,462	58.5 ± 6.5	3.6 ± 0.8	405 ± 29	33.3 ± 12.9	49.7
WHI GARNET ^b	White	Women	1,732	68.8 ± 7.1	2.5 ± 0.9	401 ± 30	27.6 ± 10.7	41.5
WHI MOPMAP ^b	White	Women	1,237	67.0 ± 7.0	2.7 ± 0.8	402 ± 30	27.3 ± 10.6	41.2
WHI SHARe	Black	Women	3,538	64.6 ± 7.1	2.4 ± 0.9	400 ± 33	28.1 ± 10.5	41.8
WHI SHARe	Hispanic	Women	1,562	63.5 ± 6.7	2.5 ± 0.8	400 ± 30	29.4 ± 10.6	43.4
WHI WHIMS	White	Women	3,482	73.4 ± 4.5	2.4 ± 0.7	400 ± 30	26.6 ± 10.2	39.7
All	White (67%)	Women (78%)	22,158	64.3	2.9	402	29.9	45.4

Note: ARIC, Atherosclerosis Risk in Communities study; ECG, electrocardiogram; GARNET, Genomics and Randomized Trials Network; MOPMAP, Modification of PM-Mediated Arrhythmogenesis in Populations; P90, 90th percentile; PM₁₀, particulate matter <10 µm in diameter; QT, QT interval duration; SD, standard deviation; SHARe, SNP Health Association Resource; WHI, Women’s Health Initiative; WHIMS, Women’s Health Initiative Memory Study.

^aRange: 5.9–124.3 µg/m³.

^bControls.

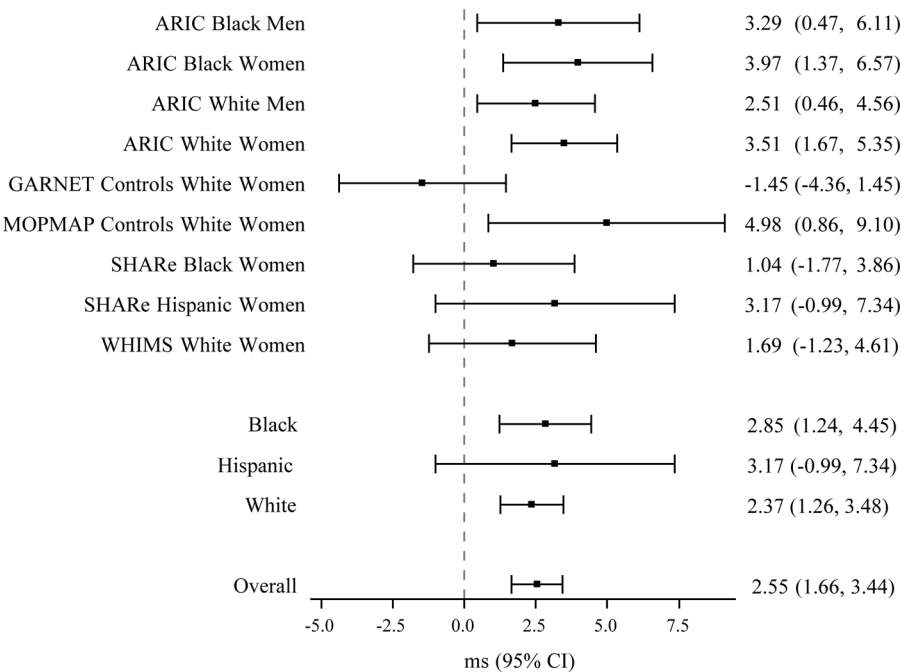


Figure 3. Forest plot of SNP × PM₁₀ interaction (95% confidence interval) per T allele increase in rs1619661 (genotype CT) at PM₁₀ concentrations >90th percentile, by study, race/ethnicity, and overall (P_{Cochran's Q} = 0.14).

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